ELSEVIER

Agricultural Water Management 78 (2005) 222–230

Agricultural water management

www.elsevier.com/locate/agwat

Cumulative Author Index, Volmes 71–78

Abdel Gawad, G., Arslan, A., Gaihbe, A. and Kadouri, F., The effects of saline irrigation water management and salt tolerant tomato varieties on sustainable production of tomato in Syria (1999–2002), (78) (2005) 39

Abdel Gawad, G., *see* Ragab, R., (78) (2005) 67

Agassi, M., *see* Benyamini, Y., (76) (2005) 181

Agirre, U., *see* López, J.J., (77) (2005) 128

Agrawal, A., *see* Tyagi, N.K., (77) (2005) 180

Al-Harbi, A.R., *see* Al-Omran, A.M., (73) (2005) 43

Al-Omran, A.M., Sheta, A.S., Falatah, A.M. and Al-Harbi, A.R., Effect of drip irrigation on squash (*Cucurbita pepo*) yield and water-use efficiency in sandy calcareous soils amended with clay deposits, (73) (2005) 43

Alarcón, J.J., *see* Barradas, V.L., (77) (2005) 323

Alarcón, J.J., *see* Nicolas, E., (72) (2005) 131

Álvarez, C.J., *see* Neira, X.X., (75) (2005) 137

Amayreh, J. and Al-Abed, N., Developing crop coefficients for field-grown tomato (*Lycopersicon esculentum* Mill.) under drip irrigation with black plastic mulch, (73) (2005) 247

Ambast, S.K., *see* Tyagi, N.K., (77) (2005) 180

Angulo-Jaramillo, R., *see* Antonino, A.C.D., (73) (2005) 131

Antonino, A.C.D., Hammecker, C., Montenegro, S.M.L.G., Netto, A.M., Angulo-Jaramillo, R. and Lira, C.A.B.O., Subirrigation of land bordering small reservoirs in the semi-arid region in the Northeast of Brazil: monitoring and water balance, (73) (2005) 131

Arbat, G., *see* Puig-Bargués, J., (77) (2005) 249

Arbonès, A., *see* Girona, J., (72) (2005) 97

Arslan, A., *see* Abdel Gawad, G., (78) (2005) 39

Arslan, A., *see* Flowers, T.J., (78) (2005) 3

Arslan, A., *see* Ragab, R., (78) (2005) 67, 89

Artigao, A., *see* Martín de Santa Olalla, F.J., (77) (2005) 21

Ashraf, M., *see* Kahlown, M.A., (76) (2005) 24

Ashraf, M., *see* Saeed, M.M., (74) (2005) 165

Atallah, T., *see* Darwish, T., (78) (2005) 152

Aujla, M.S., Thind, H.S. and Buttar, G.S., Cotton yield and water use efficiency at various levels of water and N through drip irrigation under two methods of planting, (71) (2005) 167

Babel, M.S., *see* Harmanto, (71) (2005) 225

Barahona, E., *see* Fernández-Gálvez, J., (76) (2005) 53

Barradas, V.L., Nicolás, E., Torrecillas, A. and Alarcón, J.J., Transpiration and canopy conductance in young apricot (*Prunus armenica* L.) trees subjected to different PAR levels and water stress, (77) (2005) 323

Barragán, J., *see* Puig-Bargués, J., (77) (2005) 249

Barron, J. and Okwach, G., Run-off water harvesting for dry spell mitigation in maize (*Zea mays* L.): results from on-farm research in semi-arid Kenya, (74) (2005) 1

Behrendt, A., *see* Mueller, L., (75) (2005) 117

Benyamini, Y., Mirlas, V., Marish, S., Gottesman, M., Fizik, E. and Agassi, M., A survey of soil salinity and groundwater level control systems in irrigated fields in the Jezre'el Valley, Israel, (76) (2005) 181

Bessembinder, J.J.E., Leffelaar, P.A., Dhindwal, A.S. and Ponsioen, T.C., Which crop and which drop, and the scope for improvement of water productivity, (73) (2005) 113

Bethune, M., *see* Su, N., (78) (2005) 165

Bhattacharya, A.K., *see* Sarangi, A., (78) (2005) 195

Bin, C., *see* Xiaoguang, Y., (74) (2005) 107

Boken, V.K., Hoogenboom, G., Hook, J.E., Thomas, D.L., Guerra, L.C. and Harrison, K.A., Corrigendum to "Agricultural water use estimation using geospatial modelling and a geographic information system" [Agric. Water Manage. 67 (2004) 185–199], (73) (2005) 171

doi:10.1016/S0378-3774(05)00345-8

Boland, A.-M., *see* Hamilton, A.J., (71) (2005) 181
Bonachela, S., *see* Orgaz, F., (72) (2005) 81
Bouarfa, S., *see* Chabot, R., (75) (2005) 10
Boughton, W., Catchment water balance modelling in Australia 1960–2004, (71) (2005) 91
Bouman, B.A.M., Peng, S., Castañeda, A.R. and Visperas, R.M., Yield and water use of irrigated tropical aerobic rice systems, (74) (2005) 87
Bouman, B.A.M., *see* Xiaoguang, Y., (74) (2005) 107
Bustan, A., Cohen, S., Malach, Y.D., Zimmermann, P., Golan, R., Sagi, M. and Pasternak, D., Effects of timing and duration of brackish irrigation water on fruit yield and quality of late summer melons, (74) (2005) 123
Buttar, G.S., *see* Aujla, M.S., (71) (2005) 167

Cai, Y., *see* Xu, Y., (75) (2005) 38
Cakmak, B., *see* Kadayifci, A., (72) (2005) 59
Caliskan, M.E., *see* Onder, S., (73) (2005) 73
Caliskan, S., *see* Onder, S., (73) (2005) 73
Cameira, M.R., *see* Stulina, G., (77) (2005) 263
Canbolat, M., *see* Sezen, S.M., (71) (2005) 243
Cancela, J.J., *see* Neira, X.X., (75) (2005) 137
Caponio, T., *see* Lovelli, S., (72) (2005) 147
Castañeda, A.R., *see* Bouman, B.A.M., (74) (2005) 87
Causapé, J., *see* Lecina, S., (73) (2005) 223
Çelikel, G., *see* Sezen, S.M., (71) (2005) 243
Chabot, R., Bouarfa, S., Zimmer, D., Chaumont, C. and Moreau, S., Evaluation of the sap flow determined with a heat balance method to measure the transpiration of a sugarcane canopy, (75) (2005) 10
Chandra Sekhar, G., *see* Vedula, S., (73) (2005) 193
Chartzoulakis, K.S., Salinity and olive: Growth, salt tolerance, photosynthesis and yield, (78) (2005) 108
Chaumont, C., *see* Chabot, R., (75) (2005) 10
Chen, L., *see* Huang, Y., (72) (2005) 209
Cheng, G., *see* Zhao, C., (75) (2005) 54
Chowdary, V.M., Rao, N.H. and Sarma, P.B.S., Decision support framework for assessment of non-point-source pollution of groundwater in large irrigation projects, (75) (2005) 194
Coelho, C., *see* Paulo, A.A., (77) (2005) 59
Cohen, S., *see* Bustan, A., (74) (2005) 123
Conejero, W., *see* Nortes, P.A., (77) (2005) 296
Çömlekçioğlu, N., *see* Şimşek, M., (73) (2005) 173
Costa, R.D., *see* do Amaral, L.G.H., (75) (2005) 184
Cuartero, J., *see* Flowers, T.J., (78) (2005) 3
Cuartero, J., *see* Reina-Sánchez, A., (78) (2005) 54
Cuesta, T.S., *see* Neira, X.X., (75) (2005) 137
Darwish, T., Atallah, T., El Moujabber, M. and Khatib, N., Salinity evolution and crop response to secondary soil salinity in two agro-climatic zones in Lebanon, (78) (2005) 152
Das, P.K., *see* Sharda, V.N., (76) (2005) 120
Dauzat, J., *see* Luquet, D., (76) (2005) 108
de Juan, J.A., *see* Ortega, J.F., (77) (2005) 37
de Ridder, N., *see* van de Giesen, N., (72) (2005) 109
de Santa Olalla, F.M., *see* Tarjuelo, J.M., (77) (2005) 1
de Vries, F.W.T.P., *see* Ngigi, S.N., (73) (2005) 21
Dechmi, F., *see* Lecina, S., (73) (2005) 223
Deckers, J., *see* D'haeze, D., (73) (2005) 1
Dell'Aquila, R. and Tedeschi, A., Effects of irrigation with saline waters, at different concentrations, on soil physical and chemical characteristics, (77) (2005) 308
Deng, W., *see* Li, Q.S., (71) (2005) 47
D'haeze, D., Raes, D., Deckers, J., Phong, T.A. and Loi, H.V., Groundwater extraction for irrigation of *Coffea canephora* in Ea Tul watershed, Vietnam—a risk evaluation, (73) (2005) 1
Dhindwal, A.S., *see* Bessembinder, J.J.E., (73) (2005) 113
Diaz, F., Jimenez, C.C. and Tejedor, M., Influence of the thickness and grain size of tephra mulch on soil water evaporation, (74) (2005) 47
Dillon, P., *see* Hamilton, A.J., (71) (2005) 181
do Amaral, L.G.H., Righes, A.A., da S. e Souza Filho, P. and Costa, R.D., Automatic regulator for channel flow control on flooded rice, (75) (2005) 184
Doğan, Z., *see* Şimşek, M., (73) (2005) 173
Domingo, R., *see* Nicolas, E., (72) (2005) 131
Domingo, R., *see* Nortes, P.A., (77) (2005) 296
Domínguez, A., *see* Martín de Santa Olalla, F.J., (77) (2005) 21
Durand, P., *see* Viaud, V., (74) (2005) 135

Easter, W., *see* Zekri, S., (72) (2005) 161
Egea, G., *see* Nortes, P.A., (77) (2005) 296
Eker, S., *see* Sezen, S.M., (71) (2005) 243
El Moujabber, M., *see* Darwish, T., (78) (2005) 152
Ellis, T., Hatton, T. and Nuberg, I., An ecological optimality approach for predicting deep drainage from tree belts of alley farms in water-limited environments, (75) (2005) 92
Enciso, J. and Wiedenfeld, B., Irrigation guidelines based on historical weather data in the Lower Rio Grande Valley of Texas, (76) (2005) 1
Eneji, A.E., *see* Li, J., (76) (2005) 8
Erda, L., *see* Xiaoying, L., (71) (2005) 1

Fabeiro, C., *see* Martín de Santa Olalla, F.J., (77) (2005) 21
Faci, J.M., *see* Lecina, S., (73) (2005) 223
Faci, J.M., *see* Playán, E., (76) (2005) 139
Falatah, A.M., *see* Al-Omran, A.M., (73) (2005) 43
Fan, T., Wang, S., Xiaoming, T., Luo, J., Stewart, B.A. and Gao, Y., Grain yield and water use in a long-term fertilization trial in Northwest China, (76) (2005) 36
Fares, C., *see* Katerji, N., (75) (2005) 85
Feng, Z.-W., *see* Feng, Z.-Z., (71) (2005) 131
Feng, Z.-Z., Wang, X.-K. and Feng, Z.-W., Soil N and salinity leaching after the autumn irrigation and its impact on groundwater in Hetao Irrigation District, China, (71) (2005) 131
Fereres, E., *see* Orgaz, F., (72) (2005) 81
Fernández, M.D., *see* Orgaz, F., (72) (2005) 81
Fernández-Gálvez, J. and Barahona, E., Changes in soil water retention due to soil kneading, (76) (2005) 53
Ferreira, E., *see* Paulo, A.A., (77) (2005) 59
Filho, J.S.V., *see* Victoria, F.B., (77) (2005) 4
da S. e Souza Filho, P., *see* do Amaral, L.G.H., (75) (2005) 184
Fizik, E., *see* Benyamini, Y., (76) (2005) 181
Flowers, S.A., *see* Flowers, T.J., (78) (2005) 15
Flowers, T.J. and Flowers, S.A., Why does salinity pose such a difficult problem for plant breeders?, (78) (2005) 15
Flowers, T.J., Ragab, R., Malash, N., Gawad, G.A., Cuartero, J. and Arslan, A., Sustainable strategies for irrigation in salt-prone Mediterranean: SALTMED, (78) (2005) 3
Flowers, T.J., *see* Malash, N., (78) (2005) 25
Fortes, P.S., Platonov, A.E. and Pereira, L.S., GISAREG—A GIS based irrigation scheduling simulation model to support improved water use, (77) (2005) 159
Fu, B., *see* Huang, Y., (72) (2005) 209

Gaihbe, A., *see* Abdel Gawad, G., (78) (2005) 39
Gallardo, M., *see* Orgaz, F., (72) (2005) 81
Gao, Y., *see* Fan, T., (76) (2005) 36
Gärdenäs, A.I., Hopmans, J.W., Hanson, B.R. and Šimůnek, J., Two-dimensional modeling of nitrate leaching for various fertigation scenarios under micro-irrigation, (74) (2005) 219
Gawad, G.A., *see* Flowers, T.J., (78) (2005) 3
Gawad, G.A., *see* Ragab, R., (78) (2005) 89
Gelly, M., *see* Girona, J., (72) (2005) 97
Gencoglan, C., Gencoglan, S., Merdun, H. and Ucan, K., Determination of ponding time and number of on–off cycles for sprinkler irrigation applications, (72) (2005) 47
Gencoglan, S., *see* Gencoglan, C., (72) (2005) 47
Ghaibeh, A., *see* Ragab, R., (78) (2005) 67, 89
Ghanem, K.A.F., *see* Hamdy, A., (78) (2005) 122
Gibbings, P. and Raine, S., Evaluation of a hydrographic technique to measure on-farm water storage volumes, (78) (2005) 209
Gimena, F.N., *see* López, J.J., (77) (2005) 128
Girona, J., Gelly, M., Mata, M., Arbonès, A., Rufat, J. and Marsal, J., Peach tree response to single and combined deficit irrigation regimes in deep soils, (72) (2005) 97
Girona, J., Mata, M. and Marsal, J., Regulated deficit irrigation during the kernel-filling period and optimal irrigation rates in almond, (75) (2005) 152
Goel, A.K. and Kumar, R., Economic analysis of water harvesting in a mountainous watershed in India, (71) (2005) 257
Goñi, M., *see* López, J.J., (77) (2005) 128
Golan, R., *see* Bustan, A., (74) (2005) 123
Gonçalves, J.M., *see* Horst, M.G., (77) (2005) 210
Gong, J., *see* Huang, Y., (72) (2005) 209
Gottesman, M., *see* Benyamini, Y., (76) (2005) 181
Grosch, R., *see* Schwarz, D., (71) (2005) 145
Gross, W., *see* Schwarz, D., (71) (2005) 145
Guerra, L.C., *see* Boken, V.K., (73) (2005) 171

Hachum, A., *see* Oweis, T., (73) (2005) 57
Haggard, B.E., *see* Smith, D.R., (71) (2005) 19
Hamdy, A., Sardo, V. and Ghanem, K.A.F., Saline water in supplemental irrigation of wheat and barley under rainfed agriculture, (78) (2005) 122
Hamdy, A., *see* Katerji, N., (72) (2005) 177, 195, (75) (2005) 85
Hamilton, A.J., Boland, A.-M., Stevens, D., Kelly, J., Radcliffe, J., Ziehrl, A., Dillon, P. and Paulin, B., Position of the Australian horticultural industry with respect to the use of reclaimed water, (71) (2005) 181
Hammecker, C., *see* Antonino, A.C.D., (73) (2005) 131
Hanson, B.R., *see* Gärdenäs, A.I., (74) (2005) 219
Haque, M.A., *see* Lee, T.S., (71) (2005) 71
Harmanto, Salokhe, V.M., Babel, M.S. and Tantau, H.J., Water requirement of drip irrigated tomatoes grown in greenhouse in tropical environment, (71) (2005) 225
Harrison, K.A., *see* Boken, V.K., (73) (2005) 171
Hatton, T., *see* Ellis, T., (75) (2005) 92
Heermann, D., *see* Luz, P.B., (72) (2005) 33
Hensley, M., *see* Tsubo, M., (76) (2005) 77
Hensley, M., *see* Walker, S., (76) (2005) 94

Hernández, A.J., Lacasta, C. and Pastor, J., Effects of different management practices on soil conservation and soil water in a rainfed olive orchard, (77) (2005) 232
Heuperman, A., *see* Su, N., (78) (2005) 165
Hirst, P., *see* Johnston, S.G., (73) (2005) 87, (74) (2005) 23
Hoffmann-Hergarten, S., *see* Schwarz, D., (71) (2005) 145
Hoogenboom, G., *see* Boken, V.K., (73) (2005) 171
Hook, J.E., *see* Boken, V.K., (73) (2005) 171
Hopmans, J.W., *see* Gärdenäs, A.I., (74) (2005) 219
Horst, M.G., Shamutalov, S.S., Pereira, L.S. and Gonçalves, J.M., Field assessment of the water saving potential with furrow irrigation in Fergana, Aral Sea basin, (77) (2005) 210
Huang, C., *see* Smith, D.R., (71) (2005) 19
Huang, Y., Chen, L., Fu, B., Huang, Z. and Gong, J., The wheat yields and water-use efficiency in the Loess Plateau: straw mulch and irrigation effects, (72) (2005) 209
Huang, Z., *see* Huang, Y., (72) (2005) 209
Huaqi, W., *see* Xiaoguang, Y., (74) (2005) 107
Hurtalová, T., *see* Novák, V., (76) (2005) 211

Inanaga, S., *see* Li, J., (76) (2005) 8
Isidoro, D., *see* Lecina, S., (73) (2005) 223

Jia, Y., *see* Wang, X.-L., (78) (2005) 181
Jian, W., *see* Parkes, M., (73) (2005) 149
Jimenez, C.C., *see* Diaz, F., (74) (2005) 47
Johnston, S.G., Slavich, P.G. and Hirst, P., Opening floodgates in coastal floodplain drains: effects on tidal forcing and lateral transport of solutes in adjacent groundwater, (74) (2005) 23
Johnston, S.G., Slavich, P.G. and Hirst, P., The impact of controlled tidal exchange on drainage water quality in acid sulphate soil backswamps, (73) (2005) 87
Junfang, Z., *see* Xiaoguang, Y., (74) (2005) 107

Kadayifci, A., Tuylu, G.İ., Ucar, Y. and Cakmak, B., Crop water use of onion (*Allium cepa* L.) in Turkey, (72) (2005) 59
Kadouri, F., *see* Abdel Gawad, G., (78) (2005) 39
Kahlown, M.A. and Kemper, W.D., Bonding of soil and of sediment cleaned from channels by cement into blocks for lining irrigation channels, (74) (2005) 77
Kahlown, M.A. and Kemper, W.D., Reducing water losses from channels using linings: Costs and benefits in Pakistan, (74) (2005) 57
Kahlown, M.A., Ashraf, M. and Zia-ul-Haq, Effect of shallow groundwater table on crop water requirements and crop yields, (76) (2005) 24
Kang, Y., Wang, Q.-G. and Liu, H.-J., Winter wheat canopy interception and its influence factors under sprinkler irrigation, (74) (2005) 189
Kar, G. and Verma, H.N., Climatic water balance, probable rainfall, rice crop water requirements and cold periods in AER 12.0 in India, (72) (2005) 15
Kar, G. and Verma, H.N., Phenology based irrigation scheduling and determination of crop coefficient of winter maize in rice fallow of eastern India, (75) (2005) 169
Kaçıra, M., *see* Şimşek, M., (73) (2005) 173
Karam, F., Masaad, R., Sfeir, T., Mounzer, O. and Rouphael, Y., Evapotranspiration and seed yield of field grown soybean under deficit irrigation conditions, (75) (2005) 226
Karimi-Goghari, Sh., *see* Sepaskhah, A.R., (72) (2005) 69
Katerji, N., van Hoorn, J.W., Fares, C., Hamdy, A., Mastrorilli, M. and Oweis, T., Salinity effect on grain quality of two durum wheat varieties differing in salt tolerance, (75) (2005) 85
Katerji, N., van Hoorn, J.W., Hamdy, A., Mastrorilli, M. and Oweis, T., Salt tolerance analysis of chickpea, faba bean and durum wheat varieties. I. Chickpea and faba bean, (72) (2005) 177
Katerji, N., van Hoorn, J.W., Hamdy, A., Mastrorilli, M., Nachit, M.M. and Oweis, T., Salt tolerance analysis of chickpea, faba bean and durum wheat varieties. II. Durum wheat, (72) (2005) 195
Keller, A.A., *see* Robinson, T.H., (77) (2005) 144
Kelly, J., *see* Hamilton, A.J., (71) (2005) 181
Kemper, W.D., *see* Kahlown, M.A., (74) (2005) 57, 77
Kesmez, G.D., *see* Yurtseven, E., (78) (2005) 128
Khan, N.M., Rastoskuev, V.V., Sato, Y. and Shiozawa, S., Assessment of hydrosaline land degradation by using a simple approach of remote sensing indicators, (77) (2005) 96
Khatib, N., *see* Darwish, T., (78) (2005) 152

Lacasta, C., *see* Hernández, A.J., (77) (2005) 232
Lanna, A.E., *see* Victoria, F.B., (77) (2005) 4
Lecina, S., Playán, E., Isidoro, D., Dechmi, F., Causapé, J. and Faci, J.M., Irrigation evaluation and simulation at the Irrigation District V of Bardenas (Spain), (73) (2005) 223
Lee, T.S., Haque, M.A. and Najim, M.M.M., Scheduling the cropping calendar in wet-seeded rice schemes in Malaysia, (71) (2005) 71
Leffelaar, P.A., *see* Bessembinder, J.J.E., (73) (2005) 113

Leydecker, A., *see* Robinson, T.H., (77) (2005) 144
Li, B., *see* Li, J., (76) (2005) 160
Li, F.-M., *see* Wang, X.-L., (78) (2005) 181
Li, F.-m., *see* Xie, Z.-k., (75) (2005) 71
Li, J., Inanaga, S., Li, Z. and Eneji, A.E., Optimizing irrigation scheduling for winter wheat in the North China Plain, (76) (2005) 8
Li, J., Li, B. and Rao, M., Spatial and temporal distributions of nitrogen and crop yield as affected by nonuniformity of sprinkler fertigation, (76) (2005) 160
Li, J.-L., *see* Wei, H., (71) (2005) 33
Li, Q.S., Willardson, L.S., Deng, W., Li, X.J. and Liu, C.J., Crop water deficit estimation and irrigation scheduling in western Jilin province, Northeast China, (71) (2005) 47
Li, X., *see* Xu, Y., (75) (2005) 38
Li, X.J., *see* Li, Q.S., (71) (2005) 47
Li, Z., *see* Li, J., (76) (2005) 8
Liang, T.-G., *see* Wei, H., (71) (2005) 33
Lira, C.A.B.O., *see* Antonino, A.C.D., (73) (2005) 131
Liu, C.J., *see* Li, Q.S., (71) (2005) 47
Liu, H.-J., *see* Kang, Y., (74) (2005) 189
Liu, W., *see* Xiao, G., (74) (2005) 243
Loi, H.V., *see* D'haeze, D., (73) (2005) 1
Lovelli, S., Pizza, S., Caponio, T., Rivelli, A.R. and Perniola, M., Lysimetric determination of muskmelon crop coefficients cultivated under plastic mulches, (72) (2005) 147
López, J.J., Gimena, F.N., Goñi, M. and Agirre, U., Analysis of a unit hydrograph model based on watershed geomorphology represented as a cascade of reservoirs, (77) (2005) 128
Luo, J., *see* Fan, T., (76) (2005) 36
Luo, W., *see* Wang, W.-Y., (75) (2005) 1
Luquet, D., Vidal, A., Smith, M. and Dauzat, J., 'More crop per drop': how to make it acceptable for farmers?, (76) (2005) 108
Luz, P.B. and Heermann, D., A statistical approach to estimating runoff in center pivot irrigation with crust conditions, (72) (2005) 33

Mahmood, B., Analysis of a LEACHN-based management technique in 'predictive mode', (75) (2005) 25
Malach, Y.D., *see* Bustan, A., (74) (2005) 123
Malash, N., Flowers, T.J. and Ragab, R., Effect of irrigation systems and water management practices using saline and non-saline water on tomato production, (78) (2005) 25
Malash, N., *see* Flowers, T.J., (78) (2005) 3
Malash, N., *see* Ragab, R., (78) (2005) 67, 89
Mann, L., *see* Su, N., (78) (2005) 165
Marish, S., *see* Benyamini, Y., (76) (2005) 181
Marsal, J., *see* Girona, J., (72) (2005) 97, (75) (2005) 152
Martín de Santa Olalla, F.J., Domínguez, A., Artigao, A., Fabeiro, C. and Ortega, J.F., Integrated water resources management of the Hydrogeological Unit "Eastern Mancha" using Bayesian Belief Networks, (77) (2005) 21
Martínez-Cob, A., *see* Playán, E., (76) (2005) 139
Masaad, R., *see* Karam, F., (75) (2005) 226
Mastrorilli, M., *see* Katerji, N., (72) (2005) 177, 195, (75) (2005) 85
Mata, M., *see* Girona, J., (72) (2005) 97, (75) (2005) 152
Matejka, F., *see* Novák, V., (76) (2005) 211
Mateos, L. and Oyonarte, N.A., A spreadsheet model to evaluate sloping furrow irrigation accounting for infiltration variability, (76) (2005) 62
Melack, J.M., *see* Robinson, T.H., (77) (2005) 144
Merdun, H., *see* Gencoglan, C., (72) (2005) 47
Merkley, G.P., Standard horseshoe cross section geometry, (71) (2005) 61
Mermoud, A., Tamini, T.D. and Yacouba, H., Impacts of different irrigation schedules on the water balance components of an onion crop in a semi-arid zone, (77) (2005) 282
Merot, P., *see* Viaud, V., (74) (2005) 135
Minhas, P.S., *see* Sharma, B.R., (78) (2005) 136
Minkevich, J., *see* Smith, R.J., (71) (2005) 117
Mirlas, V., *see* Benyamini, Y., (76) (2005) 181
Mo, X., *see* Xu, Y., (75) (2005) 38
Montenegro, S.M.L.G., *see* Antonino, A.C.D., (73) (2005) 131
Moreau, S., *see* Chabot, R., (75) (2005) 10
Mounzer, O., *see* Karam, F., (75) (2005) 226
Mueller, L., Behrendt, A., Schalitz, G. and Schindler, U., Above ground biomass and water use efficiency of crops at shallow water tables in a temperate climate, (75) (2005) 117
Mujumdar, P.P., *see* Vedula, S., (73) (2005) 193
Musy, A., *see* Niggli, M., (77) (2005) 110

Nachit, M.M., *see* Katerji, N., (72) (2005) 195
Nan, Z., *see* Zhao, C., (75) (2005) 54
Neira, X.X., Álvarez, C.J., Cuesta, T.S. and Cancela, J.J., Evaluation of water-use in traditional irrigation. An application to the Lemos Valley irrigation district, northwest of Spain, (75) (2005) 137
Netto, A.M., *see* Antonino, A.C.D., (73) (2005) 131
Ngigi, S.N., Savenije, H.H.G., Thome, J.N., Rockström, J. and de Vries, F.W.T.P., Agro-hydrological evaluation of on-farm rainwater storage systems for supplemental irrigation in Laikipia district, Kenya, (73) (2005) 21

Nicolas, E., Torrecillas, A., Ortuño, M.F., Domingo, R. and Alarcón, J.J., Evaluation of transpiration in adult apricot trees from sap flow measurements, (72) (2005) 131
Nicolás, E., *see* Barradas, V.L., (77) (2005) 323
Niggli, M. and Musy, A., A Bayesian combination method of flood models: Principles and application results, (77) (2005) 110
Nortes, P.A., Pérez-Pastor, A., Egea, G., Conejero, W. and Domingo, R., Comparison of changes in stem diameter and water potential values for detecting water stress in young almond trees, (77) (2005) 296
Novák, V., Hurtalová, T. and Matejka, F., Predicting the effects of soil water content and soil water potential on transpiration of maize, (76) (2005) 211
Nuberg, I., *see* Ellis, T., (75) (2005) 92

Okwach, G., *see* Barron, J., (74) (2005) 1
Onder, D., *see* Onder, S., (73) (2005) 73
Onder, S., Caliskan, M.E., Onder, D. and Caliskan, S., Different irrigation methods and water stress effects on potato yield and yield components, (73) (2005) 73
O'Neill, M.K., *see* Smeal, D., (76) (2005) 224
Orgaz, F., Fernández, M.D., Bonachela, S., Gallardo, M. and Fereres, E., Evapotranspiration of horticultural crops in an unheated plastic greenhouse, (72) (2005) 81
Ortega, J.F., de Juan, J.A. and Tarjuelo, J.M., Improving water management: The irrigation advisory service of Castilla-La Mancha (Spain), (77) (2005) 37
Ortega, J.F., *see* Martín de Santa Olalla, F.J., (77) (2005) 21
Ortuño, M.F., *see* Nicolas, E., (72) (2005) 131
Oweis, T., Hachum, A. and Pala, M., Faba bean productivity under rainfed and supplemental irrigation in northern Syria, (73) (2005) 57
Oweis, T., *see* Katerji, N., (72) (2005) 177, 195, (75) (2005) 85
Oyonarte, N.A., *see* Mateos, L., (76) (2005) 62

Pala, M., *see* Oweis, T., (73) (2005) 57
Parkes, M., Jian, W. and Knowles, R., Peak crop coefficient values for Shaanxi, North-west China, (73) (2005) 149
Pasternak, D., *see* Bustan, A., (74) (2005) 123
Pastor, J., *see* Hernández, A.J., (77) (2005) 232
Paulin, B., *see* Hamilton, A.J., (71) (2005) 181
Paulo, A.A., Ferreira, E., Coelho, C. and Pereira, L.S., Drought class transition analysis through Markov and Loglinear models, an approach to early warning, (77) (2005) 59
Peng, S., *see* Bouman, B.A.M., (74) (2005) 87
Pereira, L.S., *see* Fortes, P.S., (77) (2005) 159
Pereira, L.S., *see* Horst, M.G., (77) (2005) 210
Pereira, L.S., *see* Paulo, A.A., (77) (2005) 59
Pereira, L.S., *see* Stulina, G., (77) (2005) 263
Pereira, L.S., *see* Tarjuelo, J.M., (77) (2005) 1
Pereira, L.S., *see* Victoria, F.B., (77) (2005) 4
Perniola, M., *see* Lovelli, S., (72) (2005) 147
Phong, T.A., *see* D'haeze, D., (73) (2005) 1
Pizza, S., *see* Lovelli, S., (72) (2005) 147
Platonov, A.E., *see* Fortes, P.S., (77) (2005) 159
Playán, E., Salvador, R., Faci, J.M., Zapata, N., Martínez-Cob, A. and Sánchez, I., Day and night wind drift and evaporation losses in sprinkler solid-sets and moving laterals, (76) (2005) 139
Playán, E., *see* Lecina, S., (73) (2005) 223
Ponsioen, T.C., *see* Bessembinder, J.J.E., (73) (2005) 113
Pérez-Pastor, A., *see* Nortes, P.A., (77) (2005) 296
Puig-Bargués, J., Arbat, G., Barragán, J. and Ramírez de Cartagena, F., Hydraulic performance of drip irrigation subunits using WWTP effluents, (77) (2005) 249

Radcliffe, J., *see* Hamilton, A.J., (71) (2005) 181
Raes, D., *see* D'haeze, D., (73) (2005) 1
Ragab, R., Malash, N., Abdel Gawad, G., Arslan, A. and Ghaibeh, A., A holistic generic integrated approach for irrigation, crop and field management. 1. The SALTMED model and its calibration using field data from Egypt and Syria, (78) (2005) 67
Ragab, R., Malash, N., Gawad, G.A., Arslan, A. and Ghaibeh, A., A holistic generic integrated approach for irrigation, crop and field management. 2. The SALTMED model validation using field data of five growing seasons from Egypt and Syria, (78) (2005) 89
Ragab, R., Preface, (78) (2005) 1
Ragab, R., *see* Flowers, T.J., (78) (2005) 3
Ragab, R., *see* Malash, N., (78) (2005) 25
Raine, S., *see* Gibbings, P., (78) (2005) 209
Raine, S.R., *see* Smith, R.J., (71) (2005) 117
Ramos, A.B., *see* Riquelme, F.J.M., (77) (2005) 82
Ramírez de Cartagena, F., *see* Puig-Bargués, J., (77) (2005) 249
Rao, M., *see* Li, J., (76) (2005) 160
Rao, N.H., *see* Chowdary, V.M., (75) (2005) 194
Rastoskuev, V.V., *see* Khan, N.M., (77) (2005) 96
Reina-Sánchez, A., Romero-Aranda, R. and Cuartero, J., Plant water uptake and water use efficiency of greenhouse tomato cultivars irrigated with saline water, (78) (2005) 54
Righes, A.A., *see* do Amaral, L.G.H., (75) (2005) 184

Riquelme, F.J.M. and Ramos, A.B., Land and water use management in vine growing by using geographic information systems in Castilla-La Mancha, Spain, (77) (2005) 82
Rivelli, A.R., *see* Lovelli, S., (72) (2005) 147
Robinson, T.H., Leydecker, A., Keller, A.A. and Melack, J.M., Steps towards modeling nutrient export in coastal Californian streams with a Mediterranean climate, (77) (2005) 144
Rockström, J., *see* Ngigi, S.N., (73) (2005) 21
Romero-Aranda, R., *see* Reina-Sánchez, A., (78) (2005) 54
Rufat, J., *see* Girona, J., (72) (2005) 97

Saadi, Z., *see* Viaud, V., (74) (2005) 135
Saeed, M.M. and Ashraf, M., Feasible design and operational guidelines for skimming wells in the Indus basin, Pakistan, (74) (2005) 165
Sagi, M., *see* Bustan, A., (74) (2005) 123
Sakthivadivel, R., *see* Tyagi, N.K., (77) (2005) 180
Salokhe, V.M., *see* Harmanto, (71) (2005) 225
Salvador, R., *see* Playán, E., (76) (2005) 139
Sánchez, I., *see* Playán, E., (76) (2005) 139
Sarangi, A. and Bhattacharya, A.K., Comparison of Artificial Neural Network and regression models for sediment loss prediction from Banha watershed in India, (78) (2005) 195
Sardo, V., *see* Hamdy, A., (78) (2005) 122
Sarma, P.B.S., *see* Chowdary, V.M., (75) (2005) 194
Sato, Y., *see* Khan, N.M., (77) (2005) 96
Sato, Y., *see* Tanaka, Y., (77) (2005) 196
Sauboua, E., *see* Viaud, V., (74) (2005) 135
Savenije, H.H.G., *see* Ngigi, S.N., (73) (2005) 21
Schalitz, G., *see* Mueller, L., (75) (2005) 117
Schindler, U., *see* Mueller, L., (75) (2005) 117
Schwarz, D., Grosch, R., Gross, W. and Hoffmann-Hergarten, S., Water quality assessment of different reservoir types in relation to nutrient solution use in hydroponics, (71) (2005) 145
Sepaskhah, A.R. and Karimi-Goghari, Sh., Shallow groundwater contribution to pistachio water use, (72) (2005) 69
Sezen, S.M., Yazar, A., Canbolat, M., Eker, S. and Çelikel, G., Effect of drip irrigation management on yield and quality of field grown green beans, (71) (2005) 243
Sfeir, T., *see* Karam, F., (75) (2005) 226
Shamutalov, S.S., *see* Horst, M.G., (77) (2005) 210
Sharda, V.N. and Das, P.K., Modelling weekly rainfall data for crop planning in a sub-humid climate of India, (76) (2005) 120
Sharma, B.R. and Minhas, P.S., Strategies for managing saline/alkali waters for sustainable agricultural production in South Asia, (78) (2005) 136
Sheta, A.S., *see* Al-Omran, A.M., (73) (2005) 43
Shi, W.-Q., *see* Wang, X.-L., (78) (2005) 181
Shiozawa, S., *see* Khan, N.M., (77) (2005) 96
Sidibé, A., Farm-level adoption of soil and water conservation techniques in northern Burkina Faso, (71) (2005) 211
Şimşek, M., Tonkaz, T., Kaçıra, M., Çömlekçioğlu, N. and Doğan, Z., The effects of different irrigation regimes on cucumber (*Cucumbis sativus* L.) yield and yield characteristics under open field conditions, (73) (2005) 173
Šimůnek, J., *see* Gärdenäs, A.I., (74) (2005) 219
Slavich, P.G., *see* Johnston, S.G., (73) (2005) 87, (74) (2005) 23
Smeal, D., O'Neill, M.K. and Arnold, R.N., Forage production of cool season pasture grasses as related to irrigation, (76) (2005) 224
Smith, D.R., Haggard, B.E., Warnemuende, E.A. and Huang, C., Sediment phosphorus dynamics for three tile fed drainage ditches in Northeast Indiana, (71) (2005) 19
Smith, M., *see* Luquet, D., (76) (2005) 108
Smith, R.J., Raine, S.R. and Minkevich, J., Irrigation application efficiency and deep drainage potential under surface irrigated cotton, (71) (2005) 117
Starr, G.C., Assessing temporal stability and spatial variability of soil water patterns with implications for precision water management, (72) (2005) 223
Stevens, D., *see* Hamilton, A.J., (71) (2005) 181
Stewart, B.A., *see* Fan, T., (76) (2005) 36
Stomph, T.J., *see* van de Giesen, N., (72) (2005) 109
Stulina, G., Cameira, M.R. and Pereira, L.S., Using RZWQM to search improved practices for irrigated maize in Fergana, Uzbekistan, (77) (2005) 263
Su, N., Bethune, M., Mann, L. and Heuperman, A., Simulating water and salt movement in tile-drained fields irrigated with saline water under a Serial Biological Concentration management scenario, (78) (2005) 165
Sun, Z., *see* Xiao, G., (74) (2005) 243

Takagi, K., *see* Vu, S.H., (76) (2005) 195
Tamini, T.D., *see* Mermoud, A., (77) (2005) 282
Tanaka, Y. and Sato, Y., Farmers managed irrigation districts in Japan: Assessing how fairness may contribute to sustainability, (77) (2005) 196
Tantau, H.J., *see* Harmanto, (71) (2005) 225
Tarjuelo, J.M., de Santa Olalla, F.M. and Pereira, L.S., Preface, (77) (2005) 1
Tarjuelo, J.M., *see* Ortega, J.F., (77) (2005) 37
Tedeschi, A. *see* Dell'Aquila, R., (77) (2005) 308

Teixeira, J.L., *see* Victoria, F.B., (77) (2005) 4
Tejedor, M., *see* Diaz, F., (74) (2005) 47
Thind, H.S., *see* Aujla, M.S., (71) (2005) 167
Thomas, D.L., *see* Boken, V.K., (73) (2005) 171
Thome, J.N., *see* Ngigi, S.N., (73) (2005) 21
Tonkaz, T., *see* Şimşek, M., (73) (2005) 173
Torrecillas, A., *see* Barradas, V.L., (77) (2005) 323
Torrecillas, A., *see* Nicolas, E., (72) (2005) 131
Tsagarakis, K.P., Recycled water valuation as a corollary of the 2000/60/EC water framework directive, (72) (2005) 1
Tsubo, M., *see* Walker, S., (76) (2005) 94
Tsubo, M., Walker, S. and Hensley, M., Quantifying risk for water harvesting under semi-arid conditions. Part I. Rainfall intensity generation, (76) (2005) 77
Tuylu, G.İ., *see* Kadayifci, A., (72) (2005) 59
Tyagi, N.K., Agrawal, A., Sakthivadivel, R. and Ambast, S.K., Water management decisions on small farms under scarce canal water supply: A case study from NW India, (77) (2005) 180

Ucan, K., *see* Gencoglan, C., (72) (2005) 47
Ucar, Y., *see* Kadayifci, A., (72) (2005) 59
Ünlükara, A., *see* Yurtseven, E., (78) (2005) 128

van de Giesen, N., Stomph, T.J. and de Ridder, N., Surface runoff scale effects in West African watersheds: modeling and management options, (72) (2005) 109
van Hoorn, J.W., *see* Katerji, N., (72) (2005) 177, 195, (75) (2005) 85
Van Ranst, E., *see* Van Vosselen, A., (74) (2005) 201
Van Vosselen, A., Verplancke, H. and Van Ranst, E., Assessing water consumption of banana: traditional versus modelling approach, (74) (2005) 201
Vedula, S., Mujumdar, P.P. and Chandra Sekhar, G., Conjunctive use modeling for multicrop irrigation, (73) (2005) 193
Verma, H.N., *see* Kar, G., (72) (2005) 15, (75) (2005) 169
Verplancke, H., *see* Van Vosselen, A., (74) (2005) 201
Viaud, V., Durand, P., Merot, P., Sauboua, E. and Saadi, Z., Modeling the impact of the spatial structure of a hedge network on the hydrology of a small catchment in a temperate climate, (74) (2005) 135
Victoria, F.B., Filho, J.S.V., Pereira, L.S., Teixeira, J.L. and Lanna, A.E., Multi-scale modeling for water resources planning and management in rural basins, (77) (2005) 4
Vidal, A., *see* Luquet, D., (76) (2005) 108
Visperas, R.M., *see* Bouman, B.A.M., (74) (2005) 87
Vu, S.H., Watanabe, H. and Takagi, K., Application of FAO-56 for evaluating evapotranspiration in simulation of pollutant runoff from paddy rice field in Japan, (76) (2005) 195

Walker, S., *see* Tsubo, M., (76) (2005) 77
Walker, S., Tsubo, M. and Hensley, M., Quantifying risk for water harvesting under semi-arid conditions. Part II. Crop yield simulation, (76) (2005) 94
Wang, J., *see* Xiao, G., (74) (2005) 243
Wang, Q.-G., *see* Kang, Y., (74) (2005) 189
Wang, S., *see* Fan, T., (76) (2005) 36
Wang, W.-Y., Luo, W. and Wang, Z.-R., Surge flow irrigation with sediment-laden water in northwestern China, (75) (2005) 1
Wang, X.-K., *see* Feng, Z.-Z., (71) (2005) 131
Wang, X.-L., Li, F.-M., Jia, Y. and Shi, W.-Q., Increasing potato yields with additional water and increased soil temperature, (78) (2005) 181
Wang, Y.-j., *see* Xie, Z.-k., (75) (2005) 71
Wang, Z.-R., *see* Wang, W.-Y., (75) (2005) 1
Warnemuende, E.A., *see* Smith, D.R., (71) (2005) 19
Watanabe, H., *see* Vu, S.H., (76) (2005) 195
Wei, H., Li, J.-L. and Liang, T.-G., Study on the estimation of precipitation resources for rainwater harvesting agriculture in semi-arid land of China, (71) (2005) 33
Wiedenfeld, B., *see* Enciso, J., (76) (2005) 1
Willardson, L.S., *see* Li, Q.S., (71) (2005) 47

Xiao, G., Liu, W., Xu, Q., Sun, Z., and Wang, J., Effects of temperature increase and elevated CO_2 concentration, With Supplemental irrigation, on the yield of rain-fed spring wheat in a semiarid region of China, (74) (2005) 243
Xiaoguang, Y., Bouman, B.A.M., Huaqi, W., Zhimin, W., Junfang, Z. and Bin, C., Performance of temperate aerobic rice under different water regimes in North China, (74) (2005) 107
Xiaoming, T., *see* Fan, T., (76) (2005) 36
Xiaoying, L. and Erda, L., Performance of the Priestley–Taylor equation in the semiarid climate of North China, (71) (2005) 1
Xie, Z.-k., Wang, Y.-j. and Li, F.-m., Effect of plastic mulching on soil water use and spring wheat yield in arid region of northwest China, (75) (2005) 71
Xu, Q., *see* Xiao, G., (74) (2005) 243

Xu, Y., Mo, X., Cai, Y. and Li, X., Analysis on groundwater table drawdown by land use and the quest for sustainable water use in the Hebei Plain in China, (75) (2005) 38

Yacouba, H., *see* Mermoud, A., (77) (2005) 282
Yazar, A., *see* Sezen, S.M., (71) (2005) 243
Yurtseven, E., Kesmez, G.D. and Ünlükara, A., The effects of water salinity and potassium levels on yield, fruit quality and water consumption of a native central anatolian tomato species (*Lycopersicon esculantum*), (78) (2005) 128

Zapata, N., *see* Playán, E., (76) (2005) 139
Zekri, S. and Easter, W., Estimating the potential gains from water markets: a case study from Tunisia, (72) (2005) 161
Zhao, C., Nan, Z. and Cheng, G., Methods for estimating irrigation needs of spring wheat in the middle Heihe basin, China, (75) (2005) 54
Zhimin, W., *see* Xiaoguang, Y., (74) (2005) 107
Zia-ul-Haq, *see* Kahlown, M.A., (76) (2005) 24
Ziehrl, A., *see* Hamilton, A.J., (71) (2005) 181
Zimmer, D., *see* Chabot, R., (75) (2005) 10
Zimmermann, P., *see* Bustan, A., (74) (2005) 123